II. CLAIM AMENDMENTS

1-10. (Cancelled)

11.   (Previously Presented) A transmitter according to claim 29, wherein the processing means includes a memory storing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner, and the processing means is configured such that the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

12.   (Original) A transmitter for transmitting blocks of digital data, the transmitter comprising processing means including a memory storing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner, wherein the processing means is configured to:

   process at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

   concatenate data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

   interleave said block; and

   transmit said block,

   wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

13.   (Previously Presented) A transmitter according to claim 11, wherein said defined transmission times are integer multiples of the transmission time corresponding to said interleaving depth.

14.   (Previously Presented) A transmitter according to claim 11, including a receiving means for receiving a signal defining said set of processing manners

15.   (Original) A transmitter according to claim 14, wherein the processing means includes a memory storing data representing a plurality of processing manners and the processing means is configured for selecting from said stored data in response to said signal defining said set of processing manners.

16.   (Previously Presented) A transmitter according to claim 11, wherein each processing manner includes an interleaving process definition.

17.   (Original) A transmitter according to claim 16, wherein the processing means is configured such that the interleaving according to an interleaving process definition is only performed if the transmission time of the same processing manner is greater than the least of the transmission times of said set.

18.   (Previously Presented) A transmitter according to claim 12, wherein transmitter circuitry comprises radio transmitter circuitry.

19.   (Previously Presented) A mobile phone according to claim 12.

20.   (Previously Presented) A base station for a mobile phone network including a transmitter according to claim 12.

21-22. (Cancelled)

23.   (Previously Presented) A method of transmitting a block of digital data, the method comprising:

    establishing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner,

    processing at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

    concatenating data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

interleaving said block; and

transmitting said block,

wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

24. (Previously Presented) A method according to claim 23, wherein said defined transmission times are integer multiples of the transmission time corresponding to said interleaving depth.

25. (Previously Presented) A method according to claim 23, including receiving a signal defining said set of processing manners.

26. (Previously Presented) A method according to claim 25, including storing data representing a plurality of processing manners and selecting from said stored data in response to said signal defining said set of processing manners.

27. (Previously Presented) A method according to claim 23, wherein each processing manner includes an interleaving process definition.

28. (Previously Presented) A method according to claim 27, wherein interleaving according to an interleaving process definition is only performed if the transmission time of the same processing manner is greater than the least of the transmission times of said set.

29. (Previously Presented) A method according to claim 23, wherein said block is transmitted by radio waves.

30. (Previously Presented) A transmitter for transmitting blocks of digital data, the transmitter comprising processing means configured to:

process first and second data flows in first and second manners to produce first and second processed data flows,

concatenate data from the first and second processed data flows and a code identifying said manners to produce a block of concatenated data, and

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interleave said block such that the first and second data flows and said code are affected; and

transmitting circuitry for transmitting said block.